

INFORMATION DISCLOSURE CITATION

Sheet 1 of 7

Applicant: **Kenneth H. Falchuk**Filing Date: **October 15, 2001**Group: **1614**

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>AA</i>	AA	4,353,888	10/12/82	Sefton	424	25	12/23/80
<i>AB</i>	AB	4,892,538	01/09/90	Aebischer et al.	604	891.1	11/17/87
<i>AC</i>	AC	4,955,892	09/11/90	Daniloff	606	152	10/24/88
<i>AD</i>	AD	5,041,138	08/20/91	Vacanti et al.	623	16	08/17/89
<i>AE</i>	AE	5,092,871	03/03/92	Aebischer et al.	606	152	11/30/90
<i>AF</i>	AF	5,106,627	04/21/92	Aebischer et al.	424	424	11/14/90
<i>AG</i>	AG	5,288,514	02/22/94	Ellman	427	2	09/14/92
<i>AH</i>	AH	5,359,115	10/25/94	Campbell et al.	558	110	09/11/92
<i>AI</i>	AI	5,362,899	11/08/94	Campbell	558	108	09/09/93
<i>AJ</i>	AJ	5,712,171	01/27/98	Zambias et al.	436	518	01/20/95

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Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
<i>AK</i>	AK	WO 91/07087	05/30/91	PCT				
<i>AL</i>	AL	WO 92/10092	06/25/92	PCT				
<i>AM</i>	AM	WO 93/01275	01/21/93	PCT				
<i>AN</i>	AN	WO 93/09668	05/27/93	PCT				
<i>AO</i>	AO	WO 93/20242	10/14/93	PCT				
<i>AP</i>	AP	WO 94/08051	04/14/94	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

<i>AQ</i>	AQ	Achkar et al, "4-Oxoretinol, a new natural ligand and transactivator of the retinoic acid receptors," <i>Proc. National. Acad. Sci., USA</i> , 93:4879-4884, 1996
<i>AR</i>	AR	Ang and Rossant, " <i>HNF-3β</i> is Essential for Node and Notochord Formation in Mouse Development," <i>Cell</i> , 78:561-574, 1994
<i>AS</i>	AS	Azuma, "Changes of EGG Retinoids During Development of <i>Xenopus laevis</i> ," <i>Vision Res</i> , 30(10):1395-1400, 1990

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INFORMATION DISCLOSURE CITATION

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Applicant: Kenneth H. Falchuk

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Group: 1614

U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
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Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	BB	WO 94/09119	04/28/94	PCT				
	BC	WO 94/10292	05/11/94	PCT				
	BD	WO 94/16718	08/04/94	PCT				
	BE	WO 95/18856	07/13/95	PCT				
	BF	WO 96/17924	06/13/96	PCT				

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	BG	Davidson, "How embryos work: a comparative view of diverse modes of cell fate specification," <i>Development</i> , 108:365-389, 1990
	BH	Dawid, "Intercellular Signaling and Gene Regulation during Early Embryogenesis of <i>Xenopus laevis</i> ," <i>J. Biol. Chem.</i> , 269:6259-6262, 1994
	BI	Dexter, "N,N-Dimethylformamide-induced Morphological Differentiation and Reduction of Tumorigenicity in Cultured Mouse Rhabdomyosarcoma Cells," <i>Cancer Res.</i> , 37:3136 - 3140, 1977
	BJ	Donehower et al., "Mice deficient for p53 are developmentally normal but susceptible to spontaneous tumors," <i>Nature</i> 356: 215-221, 1992
	BK	Donehower, "The p53-deficient Mouse: A model for basic and applied cancer studies," <i>Cancer Biol.</i> 7:269-278, 1996
	BL	Durst et al., "Retinoic acid causes an anteroposterior transformation in the developing central nervous system," <i>Nature</i> , 340:140-144, 1989
	BM	Eichele, "Retinoids and vertebrate limb pattern formation," <i>Trends in Genetics</i> , 5:246-251, 1989
	BN	Falchuk et al., "Zinc Uptake and Distribution in <i>Xenopus laevis</i> Oocytes and Embryos," <i>Biochemistry</i> 34:16524-16531, 1995
	BO	Fearon et al., "Differentiation of Leukemia Cells to Polymorphonuclear Leukocytes in Patients with Acute Nonlymphocytic Leukemia," <i>N. Eng. J. Med.</i> 315:15-24, 1986

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USPTO Form 1449		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 10498-00027		Serial No. 09/977,866	
INFORMATION DISCLOSURE CITATION Sheet 3 of 7				Applicant: Kenneth H. Falchuk			
				Filing Date: October 15, 2001		Group: 1614	
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	CA						
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation
	CB						YES NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
	CC	Fibach et al., "Effect of Hexamethylene bis acetarnide on the Commitment to Differentiation of Murine Erythro Cells," <i>Cancer Res.</i> , 37:440-444, 1977					
	CD	Formelli and Cleris, "Synthetic Retinoid Fenretinide is Effective against a Human Ovarian Carcinoma Xenograft and Potentiates Cisplatin Activity," <i>Cancer Res.</i> 51:5374-5376, 1993					
	CE	Friend et al., "Hemoglobin Synthesis in Murine Virus Induced Leukemia Cells <i>In Vitro</i> : Stimulation of Erythroid Differentiation by Dimethyl Sulfoxide," <i>Proc. Natl. Acad. Sci. USA</i> , 69:378-382, 1971					
	CF	Gamet et al., "Effects of Short-Chain Fatty Acids on Growth and Differentiation of the Human Colon-Cancer Cell Line HT29," <i>Int. J. Cancer</i> , 52:286-289, 1992					
	CG	Grant, "Phosphate Metabolism during Oogenesis in <i>Rana temporaria</i> ," <i>J. Exp. Zool.</i> , 124:513-543, 1953					
	CH	Grubbs et al., "Inhibition of Mammary Cancer by Retinyl Methyl Ether," <i>Cancer Res.</i> 37:599-602, 1977					
	CI	Gum et al., "Effect of Sodium Butyrate on Human Colonic Adenocarcinoma Cells: Induction of Placental-like Alkaline Phosphatase," <i>J. Biol. Chem.</i> , 262:1092-1097, 1987					
	CJ	Gurdon, "The Generation of Diversity and Pattern in Animal Development," <i>Cell</i> , 68:185-199, 1992					
	CK	Hausen and Riebesell, <i>The Early Development of Xenopus Laeva</i> . Springer-Verlag, Berlin Heidelberg New York. Plates 7-10, 1991					
	CL	Hemmati-Brivanlou et al., "Follistatin, an Antagonist of Activin, Is Expressed in the Spemann Organizer and Displays Direct Neuralizing Activity," <i>Cell</i> , 77:283-295, 1994					
	CM	Heyman et al., "9-Cis Retinoic Acid Is a High Affinity Ligand for the Retinoid X Receptor," <i>Cell</i> , 68:397-406, 1992					
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Applicant: Kenneth H. Falchuk

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U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
DB							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

DC	Holwill et al., "Axis and germ line deficiencies caused by u.v. irradiation of <i>Xenopus</i> oocytes cultured <i>in vitro</i> ," <i>Development</i> , 100:735-743, 1987
DE	Huberman et al., "Induction of terminal differentiation in human promyelocytic leukemia cells by tumor promoting agents," <i>Proc. Natl. Acad. Sci. USA</i> , 76(3):1293-1297, 1971
DF	Jessell et al., Diffusible Factors in Vertebrate Embryonic Induction," <i>Cell</i> 68:257-270, 1992
DG	Jörnvall. et al., "1,10-Phenanthroline and <i>Xenopus laevis</i> Teratology," <i>Biochem Res. Commun.</i> , 200(3):1398-1406, 1994
DH	Kostich and Sanes, "Expression of zfh-4, a New Member of the Zinc Finger-Homeodomain Family, in Developing Brain and Muscle," <i>Dev. Dynamics</i> , 202:145-152, 1995
DI	Kraft and Juchau, "Correlations Between Conceptual Concentrations of All- <i>Trans</i> -Retinoic Acid and Dysmorphogenesis After Microinjections . . .," <i>Drug Metab. Dispos.</i> , 20(2):218-225, 1992
DJ	Krishnaraju et al., "The Zinc Finger Transcription Factor Egr- I Potentiates Macrophage Differentiation of Hematopoietic Cells," <i>Mol. Cell Biol.</i> , 15:5499-5507, 1995
DK	Kühnlein et al., " <i>Spalt</i> encodes an evolutionarily conserved zinc finger protein of novel structure which provides homeotic gene function . . .," <i>EMMO J.</i> , 13(1):168-179, 1994
DL	Leid et al., "Multiplicity Generates Diversity in the Retinoic Acid Signaling Pathways," <i>TIBS</i> , 427-433, 1992
DM	Marks et al., "Induction of Transformed Cells to Terminal Differentiation and the Modulation of Gene Expression," <i>Cancer Res.</i> , 47:659 - 666, 1987
DN	McCarthy et al., "Toxicity and Antitumor Activity of Liposome Entrapped Retinoid," <i>Rol.3-7410, Sel. Cancer Ther.</i> 7:151-157, 1991
DO	Mellerick et al., " <i>Castor</i> Encodes a Novel Zinc Finger Protein Required for the Development of a Subset of CNS Neurons in <i>Drosophila</i> ," <i>Neuron</i> 9:789-803, 1992

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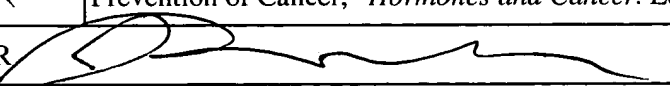
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	EA						
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation
	EB						YES NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
Q	EC	Mendelsohn et al., "Function of the retinoic acid receptors (RARs) during development: (II) Multiple abnormalities . . .," <i>Development</i> 120:2749-2771, 1994					
Q	ED	Mével-Ninio et al., "The <i>ovo</i> gene of <i>Drosophila</i> encodes a zinc finger protein required for female germ line development," <i>EMBO J.</i> , 10(8):2259 -2266, 1991					
Q	EE	Mintz and Ilmensee, "Normal genetically mosaic mice produced from malignant teratocarcinoma cells," <i>Proc. Natl. Acad. Sci. USA</i> , 72(9):3585-3589, 1975					
Q	EF	Morikawa et al., "Influence of Organ Environment on the Growth, Selection, and Metastasis of Human Colon Carcinoma Cells in Nude Mice," <i>Cancer Res.</i> 48:6863-6871, 1988					
Q	EG	Mueller et al., "Terminal Differentiation of Human Breast Cancer through PPAR γ ," <i>Mol. Cell</i> , 1:465-470, 1998					
Q	EH	Nagai et al., "The Expression of the Mouse <i>Zic1</i> , <i>Zic2</i> , and <i>Zic3</i> Gene Suggests an Essential Role for <i>Zic</i> Genes in Body Pattern Formation," <i>Dev. Biol.</i> 182:299-313, 1997					
Q	EI	Nomizu et al., "Zinc, Iron and Copper Content of <i>X. laevis</i> oocyte and Embryos," <i>Mol. Reprod Develop.</i> 1:314-319, 1993					
Q	EJ	Olson et al., "A Monoclonal Antibody to Human Antiogenin Suppresses Tumor Growth in Athymic Mice," <i>Cancer Research</i> , 54:4576-4579, 1994					
Q	EK	Perrotti et al., "Overexpression of the Zinc Finger protein MZF1 Inhibits Hematopoietic Development from Embryonic Stem Cells: Correlation with Negative Regulation of <i>CD34</i> and <i>c-rnyb</i> Promoter Activity," <i>Mol. Cell. Biol.</i> 15(11):6075-6097, 1995					
Q	EL	Pfhal, "Retinoids: Concepts for Separation of Desirable and Undesirable Effects in the Treatment or Prevention of Cancer," <i>Hormones and Cancer</i> . Ed. Vederlds, Birkhauser, Boston. pp. 127-146, 1996					
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						YES	NO
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FC	Pierce and Speers, "Tumors as Caricatures of the Process of Tissue Renewal: Prospects for Therapy by Directing Differentiation," <i>Cancer Res.</i> , 48:1996-2004, 1988
FD	Pijnappel et al., "The Retinoid ligand 4-oxo-retinoic acid is a highly active modulator of positional specification," <i>Nature</i> , 366:340-344, 1993
FE	Preflow et al., "Transplantation of Human Prostatic Carcinoma into Nude Mice in Matrigel," <i>Cancer Res.</i> , 51:3814-3817, 1991
FF	Redeman et al., "Disruption of a putative Cys-zinc interaction eliminates the biological activity of the <i>Krüppel</i> finger protein," <i>Nature</i> (London), 332:90-92, 1988
FG	Roark et al., "Scratch, a pan-neural gene encoding a zinc finger protein related to <i>snail</i> , promotes neuronal development," <i>Genes & Dev.</i> , 9:2384-2390, 1995
FH	Sarraf et al., "Differentiation and reversal of malignant changes in colon cancer through PPAR γ ," <i>Nature Medicine</i> , 4:1046-1052, 1998
FI	Sasai et al., "Xenopus <i>chordin</i> : A Novel Dorsalizing Factor Activated by Organizer-Specific Homeobox Genes," <i>Cell</i> , 79:779 - 790, 1994
FJ	Scharf and Gerhart, "Determination of the Dorsal-Ventral Axis in Eggs of <i>Xenopus laevis</i> : Complete Rescue of uv-Impaired Eggs . . .," <i>Develop. Biol.</i> 79:181-198, 1980
FK	Scharf and Gerhart, "Axis Determination in Eggs of <i>Xenopus laevis</i> : a Critical Period before First Cleavage . . .," <i>Dev. Biol.</i> , 99:75-87, 1983
FL	Schleicher et al., "Influence of Retinoids on Growth and Metastasis . . .," <i>Cancer Res.</i> , 48:1465-1469, 1988
FM	Schubert et al., "Induced Differentiation of a Neuroblastoma," <i>Dev. Biol.</i> , 25:514-546, 1971
FN	Schütz and Niessing, "Cloning and structure of a chicken zinc finger cDNA: restricted expression in developing neural crest cells," <i>Gene</i> , 148:227-236, 1994

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						YES	NO
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	GC	Schwartz et al., "Sodium butyrate induces retinoblastoma protein dephosphorylation, p16 expression and growth arrest of colon cancer cells," <i>Mol. & Cell Biochem.</i> , 188:21-30, 1993
	GD	Shalinsky et al., "A Novel Retinoic acid Receptor-selective Retinoid, ALRT1550, Has Potent Antitumor Activity . . .," <i>Cancer Res</i> , 57:162-168, 1997
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